UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

| APPLICATION NO.            | FILING DATE                  | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|----------------------------|------------------------------|----------------------|---------------------|------------------|
| 10/579,777                 | 02/26/2008                   | Hiraku Ishikawa      | 101994.57726US      | 5716             |
| 23911<br>CROWELL & I       | 7590 07/22/200<br>MORING LLP | EXAMINER             |                     |                  |
| INTELLECTUA                | AL PROPERTY GRO              | AHMED, SHAMIM        |                     |                  |
| P.O. BOX 1430<br>WASHINGTO | N, DC 20044-4300             |                      | ART UNIT            | PAPER NUMBER     |
|                            |                              |                      | 1792                |                  |
|                            |                              |                      |                     |                  |
|                            |                              |                      | MAIL DATE           | DELIVERY MODE    |
|                            |                              |                      | 07/22/2009          | PAPER            |

## Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

## Advisory Action Before the Filing of an Appeal Brief

| Application No. | Applicant(s)     |  |  |
|-----------------|------------------|--|--|
| 10/579,777      | ISHIKAWA, HIRAKU |  |  |
| Examiner        | Art Unit         |  |  |
| Shamim Ahmed    | 1792             |  |  |

|  | Shamim Ahmed  | 1792  |  |
|--|---|---|--|
| The MAILING DATE of this communication appe  | ars on the cover sheet with the o   | correspondence add  | ress                                     |
| THE REPLY FILED <u>16 July 2009</u> FAILS TO PLACE THIS APPL   | ICATION IN CONDITION FOR AL   | LOWANCE.  |  |
| 1. The reply was filed after a final rejection, but prior to or on application, applicant must timely file one of the following application in condition for allowance; (2) a Notice of Apperfor Continued Examination (RCE) in compliance with 37 C periods:  | the same day as filing a Notice of a replies: (1) an amendment, affidavited (with appeal fee) in compliance | Appeal. To avoid abar<br>t, or other evidence, w<br>with 37 CFR 41.31; or | hich places the (3) a Request            |
| a) The period for reply expires <u>3</u> months from the mailing date  |   |   |  |
| b) The period for reply expires on: (1) the mailing date of this A no event, however, will the statutory period for reply expire Is Examiner Note: If box 1 is checked, check either box (a) or (  | ater than SIX MONTHS from the mailing b). ONLY CHECK BOX (b) WHEN THE                                       | g date of the final rejectio  | n.                                       |
| MONTHS OF THE FINAL REJECTION. See MPEP 706.07(1<br>Extensions of time may be obtained under 37 CFR 1.136(a). The date   | •   | 36(a) and the appropriate   | e extension fee                          |
| have been filed is the date for purposes of determining the period of ext<br>under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the s<br>set forth in (b) above, if checked. Any reply received by the Office later<br>may reduce any earned patent term adjustment. See 37 CFR 1.704(b). | ension and the corresponding amount of<br>hortened statutory period for reply origi                         | of the fee. The appropria<br>nally set in the final Offic                 | ate extension fee<br>e action; or (2) as |
| NOTICE OF APPEAL   | liana a with 27 OFD 44 27 mount has   |   |  |
| <ol> <li>The Notice of Appeal was filed on A brief in comp<br/>filing the Notice of Appeal (37 CFR 41.37(a)), or any exter<br/>Notice of Appeal has been filed, any reply must be filed wi<br/>AMENDMENTS</li> </ol>   | nsion thereof (37 CFR 41.37(e)), to   | avoid dismissal of the  |  |
|  | out prior to the data of filing a brick   | مط لمصمعهم مطاعمه النب  |  |
| (a) They raise new issues that would require further cor   | nsideration and/or search (see NO   |   | cause                                    |
| <ul> <li>(b) ☐ They raise the issue of new matter (see NOTE belown)</li> <li>(c) ☐ They are not deemed to place the application in beto</li> </ul>   |   | ducina or eimplifyina tl  | ne issues for                            |
| appeal; and/or   | er form for appear by materially rec  | adding of simplifying th  | ie issues ioi                            |
| (d) They present additional claims without canceling a c   | corresponding number of finally reje  | ected claims.   |  |
| NOTE: (See 37 CFR 1.116 and 41.33(a)).   |   |   |  |
| <ul> <li>The amendments are not in compliance with 37 CFR 1.12</li> <li>Applicant's reply has overcome the following rejection(s):</li> </ul>  |   | mpliant Amendment (F  | PTOL-324).                               |
| <ol> <li>Newly proposed or amended claim(s) would be all non-allowable claim(s).</li> </ol>  |   | timely filed amendmer   | nt canceling the                         |
| <ol> <li>For purposes of appeal, the proposed amendment(s): a) [     how the new or amended claims would be rejected is prov</li> </ol>  |   | l be entered and an ex  | xplanation of                            |
| The status of the claim(s) is (or will be) as follows:   |   |   |  |
| Claim(s) allowed:  |   |   |  |
| Claim(s) objected to: Claim(s) rejected: 1-11.   |   |   |  |
| Claim(s) withdrawn from consideration:   |   |   |  |
| AFFIDAVIT OR OTHER EVIDENCE  |   |   |  |
| <ol> <li>The affidavit or other evidence filed after a final action, but<br/>because applicant failed to provide a showing of good and<br/>was not earlier presented. See 37 CFR 1.116(e).</li> </ol>  |   |   |  |
| 9. The affidavit or other evidence filed after the date of filing entered because the affidavit or other evidence failed to o showing a good and sufficient reasons why it is necessary  | vercome <u>all</u> rejections under appea   | al and/or appellant fails   | s to provide a                           |
| 10. ☐ The affidavit or other evidence is entered. An explanation REQUEST FOR RECONSIDERATION/OTHER   | -   |   |  |
| 11. The request for reconsideration has been considered but<br>See Continuation Sheet.   | does NOT place the application in   | condition for allowand  | ce because:                              |
| 12. Note the attached Information <i>Disclosure Statement</i> (s). (13. Other:   | PTO/SB/08) Paper No(s)  |   |  |
|  | /Shamim Ahmed/<br>Primary Examiner, Art U   | Init 1792   |  |
|  |   |   |  |

Continuation of 11. does NOT place the application in condition for allowance because: As regards to Yuda et al, applicant's argument is not persuasive as to the point that Yuda et al fails to teach the plasma excitation gas supply port for supplying-----at least from a lower side to ward a central portion of the region on said ----high frequency wave supply side because the argument is more specific than the claims because the claims do not specifically recite the position of the plasma excitation gas supply port is lower side relative to which part of the device (emphasis added). It is noted that Yuda et al's plasma excitation gas supply port (18) is between the high frequency applied electrode (2) and the plasma confining electrode (5) having openings to allow passing the plasma generated in the plasma generation site into the substrate mounting site and such confining electrode resemble as the claimed "flat-plate structure".

Therefore, Yuda et al teach the plasma excitation gas supply port is positioned at least at a lower side of the high frequency generator as the claim is not limiting that the gas supply port is in lateral position.

It is noted that examiner acknowledged in the interview conducted on July 13, 2009 that Yuda does not explicitly teach the plasma excitation gas supply port for supplying ----- at least from a lower side to words a center portion on the region on the high frequency wave supply unit side" But upon closer review the Yuda reference, examiner concluded that such limitation such as the gas supply port is at least lower side (of the high frequency generator) towards a central portion of the high fequency wave supply unit side.